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(concluded)

(iv) actuating means for extending the at least one alloy member with said barrier member from the housing to manipulate matter within said space and for withdrawing the at least one alloy member into the housing, the arrangement being such that the at least one alloy member bend(s) or twist(s) pseudoelastically in a lateral or helical sense to manipulate the matter on extending from the housing at said manipulation temperature [and the barrier member is sealable] and the at least one alloy member becomes relatively straightened on withdrawal into the housing at said temperature.

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4 8. (amended) [An apparatus according to claim 3,] An apparatus comprising a surgical instrument for manipulating an object, said apparatus comprising:

a cannula having a longitudinal bore extending therethrough;

a member, disposed within said longitudinal bore and extendible therefrom, said member having

(i) a proximal segment, and

(ii) a distal segment coupled to said proximal segment, said distal segment assuming a first shape when extended from said bore and assuming a second shape when withdrawn into said bore wherein said distal segment is constructed at least partially of a pseudoelastic shape memory alloy, said distal segment assuming a first shape when extended from said bore and its alloy is in a substantially austenitic phase, and assuming a second shape when withdrawn into said bore and its alloy is stressed to contain more martensite phase;

a distal end structure, at a distal end of said member, including a barrier member spanning said distal segment for contacting said object to be manipulated; and

handle means, coupled to at least one of said cannula and said member, for manually inserting said member through said cannula to distally extend said distal segment from said bore, and for withdrawing said distal segment into said bore.

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7. (amended) Apparatus according to claim [3] 4, wherein said proximal segment and said distal segment are of unitary construction.

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8. (Amended) Apparatus according to claim [3] 4, wherein said distal end structure and said member are of unitary construction.

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8 37. (amended) A surgical device comprising:

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(a) a housing; [and]

(b) a barrier member, the barrier member comprising [an elastically] a pseudoelastically deformable loop and [an impermeable] a barrier membrane spanning the loop; and

(c) means for moving said barrier member between a first position wherein the barrier membrane and said loop are [is] constrained within the housing, and a second position wherein the barrier membrane and said loop are is unconstrained by the housing [and assumes an expanded memory shape] such that said loop expands pseudoelastically when moved between the first position and the second position.

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38. (amended) A device according to claim <sup>8</sup> ~~37~~ wherein said barrier member [which] comprises a tissue collection pouch, the tissue collection pouch including a mouth portion which can be substantially closed.

10 ~~40~~. (amended) A surgical device comprising:

(a) a housing; [and]

(b) a shape memory alloy wire [including an impermeable] having a barrier material disposed thereon;

(c) means for moving the wire between a first position wherein the wire is constrained within the housing such that the wire includes stress induced martensite, and a second position wherein the wire is unconstrained by the housing and assumes an expanded memory shape; and

(d) means for withdrawing the barrier member.

15 ~~44~~. (amended) A remotely operated surgical device comprising:

(a) an elongated housing;

(b) a surgical screen comprising [an impermeable elastic] at least one member comprising a pseudoelastically deformable material;

(c) means for [projection and retracting] moving the surgical screen between a first position wherein the surgical screen is constrained within the housing, and a second position wherein the surgical screen is deployed from the housing [and assumes an expanded shape] such that said pseudoelastically deformable member is constrained within the housing and expands pseudoelastically into an expanded shape when the surgical screen is moved between the first position and the second position.

26 16 45. (amended) A device according to claim <sup>15</sup>44 [which comprises] also comprising an endoscopic device, a catheter or a laproscopic device.

27 17 46. (amended) A device according to claim <sup>15</sup>44 wherein the [surgical screen comprises at least one] pseudoelastically deformable member <sup>15</sup>is in the form of a loop.

28 18 47. (twice amended) A device according to claim <sup>19</sup>46 wherein the [surgical screen comprises at least one] loop [which] is spanned by a perforated sheet.

29 19 48. (amended) A [collapsible surgical stone basket disposed within a sheath,] surgical device comprising a sheath; a basket comprising at least one member comprising a shape memory alloy, and a barrier material spanning said shape memory alloy, the basket being constrained within the sheath such that the shape memory member includes stress induced martensite; and means for expandably deploying said basket from said sheath[, the basket consisting mainly of a shape memory alloy and having an impermeable barrier material spanning said shape memory alloy].

20 50. (twice amended) A remotely operated surgical device comprising:

(a) an elongate housing;

210 (b) a retractor, the retractor comprising at least one [elastically] pseudoelastically deformable member which is spanned by an impermeable membrane; and

(c) means for projecting and retracting the retractor relative to the housing between a first position wherein the retractor is constrained within the housing, and a second position wherein the retractor is unconstrained by the housing [and assumes an expanded memory shape] such that said pseudoelastically deformable member is constrained within the housing and expands pseudoelastically into an expanded shape when the retractor is moved between the first position and the second position.

211 21 51. (amended) A device according to claim <sup>20</sup>50 [which comprises] also comprising an endoscopic device, a catheter or a laproscopic device.

212 7 64. (twice amended) [A device or] An apparatus according to claim [3] <sup>6</sup>4, wherein the [elastic material] pseudoelastic shape memory alloy is [composed of] nickel-titanium shape memory alloy.

213 13 66. (amended) A device according to claim [41] <sup>70</sup>40, including means for indicating the orientation of the [elastically deformable loop] wire when extended from the housing.

14 67. (amended) A device according to claim [41] <sup>10</sup>40, including means for preventing [elastically deformable loop] the wire from rotating within the housing or cannula.